

IN THE CLAIMS

Please replace claims 2-25 with the following rewritten claims:

2. (Amended Once) A method for halftoning an input image comprising the steps of:

halftoning the input image using one of at least two halftone techniques; and

repeating the step of halftoning the input image, wherein the one of at least two halftone techniques changes from the previously used halftone technique after a certain number of input images have been halftoned.

3. (Amended Once) The method of claim 2, further comprising the step of successively outputting the halftoned input images.

4. (Amended Once) The method of claim 2, wherein the step of repeating the step of halftoning the input image using one of at least two halftone techniques comprises the step of repeating the step of halftoning the input image wherein the one of at least two halftone techniques changes from the previously used halftone technique every time the input image is halftoned.

5. (Amended Once) The method of claim 2, further comprising the step of reading the one of at least two halftone techniques from a memory prior to halftoning the input image.

6. (Amended Once) The method of claim 2, further comprising the step of determining the one of at least two halftone techniques in real time prior to halftoning the input image.

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7. (Amended Once) The method of claim 2, wherein the step of halftoning the input image using one of at least two halftone techniques comprises the step of halftoning the input image using at least one transformed halftone technique.

8. (Amended Once) The method of claim 2, wherein the at least two halftone techniques are comprised of at least one halftone technique having at least one differing halftone parameter.

9. (Amended Once) The method of claim 2, wherein the at least two halftone techniques are comprised of different halftone methods.

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10. (Amended Once) An apparatus for halftoning an input image comprising:

means for halftoning the input image using one of at least two halftone techniques; and

means for repeatedly halftoning the input image, wherein the one of at least two halftone techniques changes from the previously used halftone technique after a certain number of input images have been halftoned.

11. (Amended Once) The apparatus of claim 10, further comprising means for successively outputting the halftoned input images.

12. (Amended Once) The apparatus of claim 10, wherein the means for repeatedly halftoning the input image using one of at least two halftone techniques comprises means for repeatedly halftoning the input image wherein the one of at least two halftone techniques changes from the previously used halftone technique every time the input image is halftoned.

13. (Amended Once) The apparatus of claim 10, further comprising means for reading the one of at least two halftone techniques from a memory prior to halftoning the input image.

14. (Amended Once) The apparatus of claim 10, further comprising means for determining the one of at least two halftone techniques in real time prior to halftoning the input image.

15. (Amended Once) The apparatus of claim 10, wherein the means for halftoning the input image using one of at least two halftone techniques comprises means for halftoning the input image using at least one transformed halftone technique.

16. (Amended Once) The apparatus of claim 10, wherein the at least two halftone techniques are comprised of at least one halftone technique having at least one differing halftone parameter.

17. (Amended Once) The apparatus of claim 10, wherein the at least two halftone techniques are comprised of different halftone methods.

18. (Amended Once) A computer-readable medium comprising program instructions for halftoning an input image by performing the steps of:

halftoning the input image using one of at least two halftone techniques; and

repeating the step of halftoning the input image, wherein the one of at least two halftone techniques changes from the previously used halftone technique after a certain number of input images have been halftoned.

~~19. (Amended Once) The computer-readable medium of claim 18, further comprising program instructions for performing the step of successively outputting the halftoned input images.~~

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20. (Amended Once) The computer-readable medium of claim 18, wherein the step of repeating the step of halftoning the input image using one of at least two halftone techniques comprises the step of repeating the step of halftoning the input image by changing the one of at least two halftone techniques from the previously used halftone technique every time the input image is halftoned.

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21. (Amended Once) The computer-readable medium of claim 18, further comprising program instructions for performing the step of reading the one of at least two halftone techniques from a memory prior to halftoning the input image.

22. (Amended Once) The computer-readable medium of claim 18, further comprising program instructions for performing the step of determining the one of at least two halftone techniques in real time prior to halftoning the input image.

23. (Amended Once) The computer-readable medium of claim 18, wherein the step of halftoning the input image using one of at least two halftone techniques comprises the step of halftoning the input image using at least one transformed halftone technique.

24. (Amended Once) The computer-readable medium of claim 18, wherein the at least two halftone techniques are comprised of at least one halftone technique having at least one differing halftone parameter.

25. (Amended Once) The computer-readable medium of claim 18, wherein the at least two halftone techniques are comprised of different halftone methods.

Please add the following new Claims 26-67:

26. (New) The method of claim 3, wherein the halftoned input images are successively output so that each halftoned input image comprises a frame of an output image.

27. (New) The method of claim 2, further comprising the step of determining a starting location within the input image for initiating a halftone technique.

28. (New) The method of claim 27, further comprising the step of offsetting the starting location from the previously used starting location after a certain number of input images have been halftoned.

29. (New) The method of claim 28, wherein the starting location within the input image is offset from the previously used starting location every time the input image is halftoned.

30. (New) The method of claim 2, wherein the step of halftoning the input image using one of at least two halftone techniques comprises the step of halftoning the input image by tiling the one of at least two halftone techniques over the input image.

31. (New) The method of claim 2, wherein the at least two halftone techniques are comprised of spatial halftone techniques.

32. (New) The apparatus of claim 11, wherein the halftoned input images are successively output so that each halftoned input image comprises a frame of an output image.

33. (New) ~~The apparatus of claim 10, further comprising means for determining a starting location within the input image for initiating a halftone technique.~~

34. (New) The apparatus of claim 33, further comprising means for offsetting the starting location from the previously used starting location after a certain number of input images have been halftoned.

35. (New) The apparatus of claim 34, wherein the starting location within the input image is offset from the previously used starting location every time the input image is halftoned.

36. (New) The apparatus of claim 10, wherein the means for halftoning the input image using one of at least two halftone techniques comprises means for halftoning the input image by tiling the one of at least two halftone techniques over the input image.

37. (New) The apparatus of claim 10, wherein the at least two halftone techniques are comprised of spatial halftone techniques.

38. (New) The computer-readable medium of claim 19, wherein the halftoned input images are successively output so that each halftoned input image comprises a frame of an output image.

39. (New) The computer-readable medium of claim 18, further comprising program instructions for performing the step of determining a starting location within the input image for initiating a halftone technique.

40. (New) The computer-readable medium of claim 39, further comprising program instructions for performing the step of offsetting the starting location from

the previously used starting location after a certain number of input images have been halftoned.

41. (New) The computer-readable medium of claim 40, wherein the starting location within the input image is offset from the previously used starting location every time the input image is halftoned.

BP 42. (New) The computer-readable medium of claim 18, wherein the step of halftoning the input image using one of at least two halftone techniques comprises the step of halftoning the input image by tiling the one of at least two halftone techniques over the input image.

43. (New) The computer-readable medium of claim 18, wherein the at least two halftone techniques are comprised of spatial halftone techniques.

44. (New) A method for halftoning an input image comprising the steps of:

BP 961 determining a starting location within the input image for initiating a halftoning technique;

halftoning the input image by tiling one of at least one halftone techniques over the input image beginning at the starting location; and

repeating the steps of determining a starting location within the input image and halftoning the input image, wherein the starting location is offset from the previously used starting location after a certain number of input images have been halftoned.

45. (New) The method of claim 44, further comprising the step of successively outputting the halftoned input images.

~~46. (New) The method of claim 45, wherein the halftoned input images are successively output so that each halftoned input image comprises a frame of an output image.~~

47. (New) The method of claim 44, wherein the starting location within the input image is offset from the previously used starting location every time the input image is halftoned.

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48. (New) The method of claim 44, further comprising the step of reading the one of at least one halftone techniques from a memory prior to halftoning the input image.

49. (New) The method of claim 44, further comprising the step of determining the one of at least one halftone techniques in real time prior to halftoning the input image.

50. (New) The method of claim 44, wherein the step of halftoning the input image by tiling one of at least one halftone techniques over the input image comprises the step of halftoning the input image by tiling at least one transformed halftone technique over the input image.

51. (New) The method of claim 44, wherein the one of at least one halftone techniques is comprised of a spatial halftone technique.

52. (New) An apparatus for halftoning an input image comprising:

means for determining a starting location within the input image for initiating a halftoning technique;



means for halftoning the input image by tiling one of at least one halftone techniques over the input image beginning at the starting location; and

means for repeatedly determining a starting location within the input image and halftoning the input image, wherein the starting location is offset from the previously used starting location after a certain number of input images have been halftoned.

53. (New) The apparatus of claim 52, further comprising means for successively outputting the halftoned input images.

54. (New) The apparatus of claim 53, wherein the halftoned input images are successively output so that each halftoned input image comprises a frame of an output image.

55. (New) The apparatus of claim 52, wherein the starting location within the input image is offset from the previously used starting location every time the input image is halftoned.

56. (New) The apparatus of claim 52, further comprising means for reading the one of at least one halftone techniques from a memory prior to halftoning the input image.

57. (New) The apparatus of claim 52, further comprising means for determining the one of at least one halftone techniques in real time prior to halftoning the input image.

58. (New) The apparatus of claim 52, wherein the means for halftoning the input image by tiling one of at least one halftone techniques over the input image

~~comprises means for halftoning the input image by tiling at least one transformed halftone technique over the input image.~~

59. (New) The apparatus of claim 52, wherein the one of at least one halftone techniques is comprised of a spatial halftone technique.

60. (New) A computer-readable medium comprising program instructions for halftoning an input image by performing the steps of:

determining a starting location within the input image for initiating a halftoning technique;

halftoning the input image by tiling one of at least one halftone techniques over the input image beginning at the starting location; and

repeating the steps of determining a starting location within the input image and halftoning the input image, wherein the starting location is offset from the previously used starting location after a certain number of input images have been halftoned.

61. (New) The computer-readable medium of claim 60, further comprising program instructions for performing the step of successively outputting the halftoned input images.

62. (New) The computer-readable medium of claim 61, wherein the halftoned input images are successively output so that each halftoned input image comprises a frame of an output image.

63. (New) The computer-readable medium of claim 60, wherein the starting location within the input image is offset from the previously used starting location every time the input image is halftoned.

64. (New) ~~The computer-readable medium of claim 60, further comprising~~  
program instructions for reading the one of at least one halftone techniques from a  
memory prior to halftoning the input image.

65. (New) ~~The computer-readable medium of claim 60, further comprising~~  
program instructions for determining the one of at least one halftone techniques in  
real time prior to halftoning the input image.

66. (New) ~~The computer-readable medium of claim 60, wherein the step of~~  
halftoning the input image by tiling one of at least one halftone techniques over the  
input image comprises the step of halftoning the input image by tiling at least one  
transformed halftone technique over the input image.

67. (New) ~~The computer-readable medium of claim 60, wherein the one of at least~~  
one halftone techniques is comprised of a spatial halftone technique.